

# Quick Manual

## 2x Lysis-Juice 2 (1 02 515)

### Components:

#### 2x Lysis-Juice 2

#### 10ml

Lysis-Buffer without detergents, for measurement of marine luciferases (Renilla/Gaussia) in mammalian cells, **dual concentrated**  
**Store at +4°C.**

### Reconstruction:

Lysis-Juice 2 doesn't contain detergent, is dual concentrated and suitable for mammalian cells which were transfected with **Renilla/Gaussia/Firefly Luciferase**. Please dilute the dual concentrated lysis buffer with water or within your cell culture!

### Preparation of Cell Lysates: Standard protocol for Cells cultured in multiwell-plates

Required volume of Lysis-Juice 2

Culture Plate	Vol. Lysis-Juice
6-well	500µl
12-well	250µl
24-well	100µl
48-well	65µl
96-well	20µl

- Remove the growth medium from your adherent cells
- Wash the monolayer two or three times with phosphate buffered saline (PBS)
- Add the required volume of Lysis-Juice to each well (see Table.)
- Place the plate on a shaker for 15 minutes at room temperature, additional up and down pipetting steps will increase the cell lysis.
- Freeze cells at -20 or -80°C and thaw them afterwards
- The cell lysate can be placed in storage tubes or measured in the plate by adding Beetle-Juice (102511), Renilla-Juice (102531), Renilla Glow-Juice (102532), Gaussia-Juice (102541) or Gaussia Glow-Juice (102542).

***Note: This buffer includes no detergents and shows no background signal in combination with Renilla luciferase substrate Coelenterazine!***

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